

09/166174

ABSTRACT OF THE DISCLOSURE

A semiconductor laser device with a spot-size converter includes at least a semiconductor laser region
5 emitting light from an end facet thereof and a light waveguide region. The semiconductor laser region and the light waveguide region are integrated on a semiconductor substrate in a horizontal direction. A semiconductor layer is buried in a junction region between the
10 semiconductor laser region and the light waveguide region.

662121-42793460